

INDEX

Abbott, R. T., Introducing Seashells, 293
 Abrahams, J., and Edith Varon, Maternal Dependency and Schizophrenia, 95
 Ackermann, E. H., Rudolph Virchow, 374
 Adaptations, Background, 105-115
Advances in Agronomy, VI, 176
Advances in Cancer Research, II, 93
Advances in Carbohydrate Chemistry, Vol. 8, 413; Vol. 9, 308
Advances in Enzymology and Related Subjects of Biochemistry, XIV, 81; XV, 81; XVI, 412
Advances in Food Research, V, 303
Advances in Genetics, Vol. 5, 390; Vol. 6, 391
Advances in Protein Chemistry, IX, 307
 Allen, Shirley W., Conserving Natural Resources, 328
 Altschule, M. D., Physiology in Diseases of the Heart and Lungs, rev. ed., 92
 Altschul, R., Endothelium, 408
 Amer. Ass. of Clinical Chemists, Standard Methods of Clinical Chemistry, I, 89
 Amer. Ass. Adv. Sci., Sex in Microorganisms, 195
 Amer. Soc. for Testing Materials, Symposium on Light Microscopy, 206
 Anderson, P. J., Growing Tobacco in Connecticut, 177
ANIMAL GROWTH AND DEVELOPMENT (book reviews), 71, 187, 401
ANIMAL MORPHOLOGY (book reviews), 71, 189, 407
ANIMAL NUTRITION (book reviews), 78, 302, 410
ANIMAL PHYSIOLOGY (books reviews), 74, 189, 298, 408
Annual Review of Biochemistry, Vol. 23, 193
Annual Review of Microbiology, Vol. 8, 195
Annual Review of Plant Physiology, Vol. 4, 173; Vol. 5, 63; Vol. 6, 396
Anthropologica, I, 425
 Arey, L. B., Developmental Anatomy, 6th ed., 188
 Arnheim, R., Art and Visual Perception, 318
 Arnow, L. E., Introduction to Physiological and Pathological Chemistry, 4th ed., 413
 Aronin, J. E., Climate and Architecture, 204
 Asboe-Hansen, G. E., Connective Tissues in Health and Disease, 298

 Backmann, R., and E. and B. Scharrer, Blutgefäß- und Lymphgefäßapparat innersekretorischen Drüsen, 191
 Background Adaptations, 105-115
 Baier, J. G., Jr., et al., Laboratory Manual for Elementary Zoology, 181
 Bahr, G. J. von, et al., *Documenta Ophthalmologica*, VII, VIII, 301
 Baker, J. R., Abraham Trembley of Geneva, 53
 Barth, L. G., and L. J. Barth, The Energetics of Development, 187
 Bastin, H., Freaks and Marvels of Insect Life, 382
 Bates, M., The Prevalence of People, 326

 Beale, G. H., The Genetics of *Paramecium aurelia*, 287
 Beals, R. L., and H. Hoijer, Introduction to Anthropology, 324
 Bear, F. E. (ed.), Chemistry of the Soil, 411
 Beatty, J. Y., Plant Breeding for Everyone, 65
 Beecher, W. A., Attracting Birds to Your Backyard, 401
 Bell, C. R., The *Sanicula crassicaulis* Complex (Umbelliferae), 166
 Bell, G. H., et al., Textbook of Physiology and Biochemistry, 2nd ed., 74
 Benhamou, E., and A. Albou, *Transfusion Sanguine et Actualités Hématologiques*, 190
 Berndt, R. and Catherine H. Berndt, The First Australians, 426
 Bidney, D., Theoretical Anthropology, 203
 Bigelow, H. B., and W. C. Schroeder, Fishes of the Gulf of Maine, 182
 —, and —, Fishes of the Western North Atlantic, 399
 Bilstad, Nellie M., et al., Laboratory Studies in Elementary Zoology, 2nd ed., 181
BIOCHEMISTRY (book reviews), 80, 193, 305, 411
BIOLOGY: HISTORY AND BIOGRAPHY (book reviews), 53, 153, 281, 374
BIOMETRY (book reviews), 103, 328
BIOPHYSICS AND GENERAL PHYSIOLOGY (book reviews), 78, 192, 303, 411
 Blair, H. E. (ed.), Biological Effects of External Radiation, 192
 Block, R. J., et al., Manual of Paper Chromatography and Paper Electrophoresis, 310
 Blowfly, Physiology and Histology of the Contact Chemoreceptors of the, 348-371
 Bonaparte, Marie, Female Sexuality, 324
 Bonnet, H., and A. Nérot, *Travaux Pratiques de Bactériologie*, 416
 Borror, D. J., and D. M. DeLong, Introduction to the Study of Insects, 398
 Boulanger, P., et al., *Exposés Annuels de Biochimie Médicale*, Ser. 15, 309
 Bourne, G. H., Introduction to Functional Histology, 297
 —, and J. F. Danielli (eds.), *International Review of Cytology*, III, 166
 Bowen, W. P., Applied Anatomy and Kinesiology, 7th ed., 73
 Boyd, G. A., Autoradiography in Biology and Medicine, 394
 Boyle, W. S., Principles and Practice in Plant Cytology, 168
 Brandenburg, W., Die Multipotenz des Mesothels, 298
 Bridges, H. P., The Woodmont Story, 401
 British Museum (Natural History), The "Rosaura" Expedition, 57
 —, Instructions for Collectors, 2nd ed., 292

Bronson, W. S., Freedom and Plenty, 156

Bucky, G., and F. C. Combes, Grenz Ray Therapy, 93

Buddenbrock, W. von, Das Liebesleben der Tiere, 60
—, Die Welt der Sinne, 77

Burgi, S., Les Régulations Neuro-Végétatives, 300

Burk, D. (ed.), Cell Chemistry, 82

Burlew, J. S. (ed.), Algal Culture, 172

Burns, E., The Sex Life of Wild Animals, 161

Buros, O. K. (ed.), The Fourth Mental Measurements Yearbook, 97

Burns, W., Horses, and Their Ancestors, 380

Burrow, T., Science and Man's Behavior, 423

Burrows, W., et al., Textbook of Microbiology, 16th ed., 194

Burton, M., Animal Courtship, 160
—, Margins of the Sea, 286
—, Living Fossils, 287

Butterfield, O. M., Sexual Harmony in Marriage, 101

Buxton, P. A., Animal Life in Deserts, 382

Byrd, O. E., Textbook of College Hygiene, 312
—, Teacher's Manual for Use with Textbook of College Hygiene, 312

Camp, C. L., et al., Bibliography of Fossil Vertebrates, 286

Cantarow, A. and B. Schepartz, Biochemistry, 193

CANTINO, E. C., Physiology and Phylogeny in the Water Molds—a Reevaluation, 138-149

Carnegie Institution of Washington, Contributions to Embryology, XXXV, 296

Carter, C. F., and Alice L. Smith, Principles of Microbiology, 2nd ed., 415

Cartier, P., et al., *Exposés Annuels de Biochimie Médicale*, Ser. 14, 82

Cater, D. B., Basic Pathology and Morbid Histology, 90

Cates, H. A. and J. V. Basmajian, Primary Anatomy, 3rd ed., 407

Centre National de la Recherche Scientifique, Évolution et Phylogénie chez les Végétaux, 60
—, Mécanisme Physiologique de la Sécrétion Lactée, 76

Chapin, J. P., Birds of the Belgian Congo, 183

Charpy, J., Les Réactions Organiques non Spécifiques en Dermatologie, 197

Chemoreception, Invertebrate, 331-347

Chemoreceptors, Contact, of the Blowfly, 348-371

Ciba Foundation Colloquia on Endocrinology, Synthesis and Metabolism of Adrenocortical Steroids, VII, 77

Ciba Foundation Symposium, Chemical Structure of Proteins, 84; Hypertension, 196

Clark, Eugenie, et al., Mating Behavior Patterns in Two Sympatric Species of Xiphophorin Fishes, 159

Clarke, G. L., Elements of Ecology, 158

Clarke, H. M., and R. I. Evans, Laboratory Exercises for General Botany, 168

Clausen, Lucy, Insect Fact and Folklore, 58

Coe, Myrtle H., Introduction to General Pathology, 90

Coe, W. R., Bathypelagic Nemerteans of the Pacific Ocean, 293

Coker, R. E., Streams Lakes Ponds, 284

Colowick, S. A. (ed.), et al., Gluthathione, 307

Colston Research Society, Recent Developments in Cell Physiology, 303

Comparative Pharmacology of the Suprarenal Medulla, 116-137

Conant, N. F., et al., Manual of Clinical Mycology, 2nd ed., 89

Condry, W., Thoreau, 55

Congrès International Anthropologiques et Ethnologiques, *Anthropologica*, I, 425

Contact Chemoreceptors of the Blowfly, Physiology and Histology of the, 348-371

Coon, C. S., The Story of Man, 325

Craig, G. S., and Bernice C. Bryan, Science Near You, 156
—, and Etheleen Daniel, Science Around You, 156
—, and Marguerite W. Lembach, Science Everywhere, 156
—, and Beatrice D. Hurley, Discovering with Science, 156
—, and Katherine E. Hill, Adventuring in Science, 156

Cramer, F., Paper Chromatography, 194

Creegan, R. F., The Shock of Existence, 52

Crompton, J., The Hunting Wasp, 284

Crown-Gall, Etiology of, 207-277

Cruickshank, W. M., and G. M. Raus (eds.), Cerebral Palsy, 419

Cummins, G. B., et al., Workbook in Fundamentals of Plant Science, 168

Curran, S. C., Luminescence and the Scintillation Counter, 79

Curry-Lindahl, K., Fiskarna i Färg, 2nd ed., 400

Da Costa, A. C., Le Cortex Surrénal, 191

Dalquest, W., Mammals of the Mexican State of San Louis Potosí, 70

D'Amour, F. E., and F. Blood, Manual for Laboratory Work in Mammalian Physiology, rev. ed., 299

D'Ancona, U., Trattato di Zoologia, 67
—, Memorie di Biogeografia Adriatica, II, 399

Daniels, F., and T. W. Smith (eds.), Challenge of Our Times, 428

DAVENPORT, D., Specificity and Behavior in Symbioses, 29-46

Davidsohn, I. (ed.), Curriculum for Schools of Medical Technology, 3rd ed., 373

Davis, A. F., and W. H. Southworth, Meredith's Hygiene, 5th ed., 311

Davis, B. A., Daylillies—and How to Grow Them, 66

Davis, K. P., American Forest Management, 64

Dean, R. F. A., Plant Proteins in Child Feeding, 411

De Beer, G., *Archaeopteryx lithographica*, 164
Deep-Sea Research I, No. 1, 384
 Deese, J. E., The Psychology of Learning, 97
 Deitrick, J. E., and R. C. Berson, Medical Schools in U. S. at Mid-Century, 52
 Delacour, J., Pheasant Breeding and Care, 186
 de Latil, P., *La Pensee Artificielle*, 317
 —, and J. Rivoire, *A la Recherche du Monde Marin*, 57
 DE OMNIBUS REBUS ET QUILBUSDAM ALIIS (book reviews), 104, 205, 328, 427
 Deraniyagala, P. E. P., Colored Atlas of Some Vertebrates from Ceylon, I, II, 183
 De Robertis, E. D., et al., General Cytology, 2nd ed., 166
 De Terra, H., Humboldt, 282
 DETHIER, V. G., Physiology and Histology of the Contact Chemoreceptors of the Blowfly, 348-371
 Deutsch, F., and W. F. Murphy, The Clinical Interview, Vol. 1, 421
 Diehl, H. S., and Anita D. Laton, Health and Safety for You, 283
 Dingle, H., The Scientific Adventure, 372
 Disney, Walt, The Vanishing Prairie, 382
 Dittmer, H. J., et al., Ferns and Fern Allies of New Mexico, 171
 Dodd, E., *Mark Trail's Book of North American Mammals*, 380
 Dorfman, R. I., and F. Ungar, Metabolism of Steroid Hormones, 84
 Dougherty, J. M., and A. J. Lamberti, Textbook of Bacteriology, 3rd ed., 415
 Dunbar, F., Emotions and Bodily Changes, 4th ed., 321
 Drill, V. A. (ed.), *Pharmacology in Medicine*, 409
 Eckey, E. W., Vegetable Fats and Oils, 173
 ECOLOGY AND NATURAL HISTORY (book reviews), 57, 156, 283, 380
 ECONOMIC BOTANY (book reviews), 63, 174, 291, 397
 ECONOMIC ZOOLOGY (book reviews), 70, 185, 401
 Eadie, W. R., Animal Control in Field, Farm, and Forest, 187
 Eickstedt, E. F. von (ed.), *Homo*, Vols. 2 and 3, 426
 Eigsti, O. H., and P. Dustin, Jr., Colchicine in Agriculture, Medicine, Biology and Chemistry, 167
 Elliott, A., and J. H. Dickson, Laboratory Instruments, 205
 Emberger, Meta R., and Marian R. Hall, Scientific Writing, 427
 Emerson, F. W., Basic Botany, new 2nd ed., 168
 Empire of Learning, An., 278-280
 Etiology of Crown-Gall, 207-277
 Evans, R. M., et al., Principles of Color Photography, 205
 Evans, W. L., and A. E. Lee, The Fetal Pig, 188
 EVOLUTION (book reviews), 60, 162, 284, 384
Exposés Annuels de Biochimie Médicale, 14, 82; 15, 309
 Eysenck, H. J., Uses and Abuses of Psychology, 315
 Fair, G. M., et al., Water Supply and Waste-Water Disposal, 417
 Farrington, B., Greek Science, 281
 Feigl, H., and May Brodbeck, Readings in the Philosophy of Science, 50
 Ferm, V., Dictionary of Pastoral Psychology, 323
 Festinger, L., and D. Katz, Research Methods in the Behavioral Sciences, 199
 Fireman, P., Perceptualistic Theory of Knowledge, 199
 Fischer, R. B., Applied Electron Microscopy, 430
 Fisher, J., History of Birds, 184
 —, Bird Recognition, I, II, 184
 —, and R. M. Lockley, Sea-Birds, 159
 Fisher, R. B., Protein Metabolism, 306
 Fitting, H., et al., *Lehrbuch der Botanik für Hochschulen*, 288
 Fleming, D., William H. Welch and the Rise of American Medicine, 55
 Foley, M. G., Luigi Galvani, 375
 Forest, H. S., Handbook of Algae, 290
 Fothergill, P. G., Historical Aspects of Organic Evolution, 376
 Franklin, B., Some Account of the Pennsylvania Hospital, 281
 Freud, S., et al., The Origins of Psycho-Analysis, 377
 —, An Autobiographical Study, 55
 —, On Aphasia, 422
 Frick, H., Die Entwicklung und Morphologie des Chondrocraniums von *Myotis Kaupi*, 71
 Frisch, K. von, Biologie, I, II, 155
 —, Dancing Bees, 314
 Froesch, J. E., et al., Annual Survey of Psychoanalysis, II, 321
 Fryer, D. H., et al., General Psychology, 4th ed., 314
 Fryer, H. C., Elements of Statistics, 103
 Funder, S., Practical Mycology, 196
 Galdston, I. (ed.), Medicine and Science, 87
 Galvani, L., Commentary on the Effects of Electricity on Muscular Motion, 375
 Gamow, G., et al., Science in Progress, 8th ser., 429
 Gaughran, G. R. L., Comparative Study of the Osteology and Myology of the Cranial and Cervical Regions of the Shrew, *Blarina brevicauda*, and the Mole, *Scalopus aquaticus*, 71
 Geddes, D. P. (ed.), Analysis of the Kinsey Reports on Sexual Behavior in the Human Male and Female, 324
 Genders, R., and H. C. Taylor, Primroses and Polyanthus, 291
 GENERAL AND SYSTEMATIC BOTANY (book reviews), 62, 167, 288, 396
 GENERAL AND SYSTEMATIC ZOOLOGY (book reviews), 67, 179, 397
 GENERAL BIOLOGY: PHILOSOPHY AND EDUCATION (book reviews), 47, 150, 281, 372
 GENETICS AND CYTOLOGY (book reviews), 165, 287, 390
 Gengerelli, J. A., and F. J. Kirkner (eds.), Psychological Variables in Human Cancer, 419

Gertler, M., et al., Coronary Heart Disease in Young Adults, 92

Ges. physiol. Chemie, 4th Coll. Biologie und Wirkung der Fermente, 412

Gichner, L. E., Erotic Aspects of Japanese Culture, 327

Ginsburg, I., Western Atlantic Scorpionfishes, 182

Glick, D., Methods of Biochemical Analysis, I, 309

Godfrey, H., et al., Effects of a Rock Slide on Babine River Salmon, 71

Godsil, H. C., Descriptive Study of Certain Tuna-like Fishes, 70

Goldsmith, E. D., and G. Bevelander, Laboratory Directions in Histology, 74

Goodnight, C. J., and Marie L. Goodnight, Zoology, 180

Goodwin, G. G., Catalogue of the Type Specimens of Recent Mammals in the American Museum of Natural History, 70

Goodwin, T. W., Carotenoids, 306

Grady, Margaret K., Medical Mycology Laboratory Manual, 89

Grange, W. B., Those of the Forest, 158

Grant, J. C. B., and H. A. Cates, Handbook for Dissectors, 4th ed., 72

Graubard, M., Astrology and Alchemy, 153

Gray, C. H., Clinical Chemical Pathology, 90

Gray, P., Microtomist's Formulary and Guide, 329

Greathouse, G. A., and C. J. Wessel (eds.), Deterioration of Materials, 429

Green, F. H. K., and G. Covell (eds.), Medical Research, 56

Green, R. M., Translation of Luigi Galvani's *De Viribus Electricitatis in Motu Musculari Commentarius*, 375

Greenberg, D. M. (ed.), Chemical Pathways of Metabolism, I, II, 82

Greenblatt, M., and H. C. Solomon (eds.), Frontal Lobes and Schizophrenia, 94

Greenstein, J. P., Biochemistry of Cancer, 2nd ed., 93

Greep, R. O. (ed.), Histology, 73

Griffiths, Ruth, Abilities of Babies, 198

Grings, W. W., Laboratory Instrumentation in Psychology, 318

Grinker, R. R., Psychosomatic Research, 97

Grollman, A., Acute Renal Failure, 93

Guilcher, J. M., Hidden Life of Flowers, 172

Haas, O., Mesozoic Invertebrate Faunas of Peru, Parts 1 and 2, 163

Haines, C. G. (ed.), Threat of Soviet Imperialism, 53

Hall, J. W., General Botany Laboratory Manual, 168

Harris, H., Introduction to Human Biochemical Genetics, 392

Harris, J. R., An Angler's Entomology, 161

Harris, R. S. (ed.), et al., Vitamins and Hormones, XI, 75; XII, 302

Harris, R. J. C. (ed.), Biological Applications of Freezing and Drying, 329

Hartman, F. W. (ed.), et al., Dynamics of Virus and Rickettsial Infections, 88

Hartmann, M., and H. Bauer, Allgemeine Biologie, 4th ed., 280

Haslett, A. W. (ed.), *Science News* 33, 330

Hatt, R. T., et al., Faunal and Archeological Researches in Yucatan Caves, 295

Hawkins, P. A., et al., Introduction to Parasitology, 416

Hawkins, R. R. (ed.), Scientific, Medical, and Technical Books, 2nd Suppl., 430

Hawley, R. C., and D. M. Smith, The Practice of Silviculture, 6th ed., 177

Hawthorn, L. R., and L. H. Pollard, Vegetable and Flower Seed Production, 292

Haymaker, W. (ed.), The Founders of Neurology, 155

Headstrom, R., Garden Friends and Foes, 176

HEALTH AND DISEASE (book reviews), 87, 196, 311, 417

Heath, A. E. (ed.), Scientific Thought in the Twentieth Century, 378

Heberer, G., Neue Ergebnisse der menschlichen Abstammungslehre, 165

Hennig, W., Die Larvenformen der Dipteren, Teile 1-3, 68

Henry, A. F., and J. F. Short, Jr., Suicide and Homicide, 204

Herbut, P. A., Pathology, 418

Herrick, C. J., Clarence Luther Herrick, 379

Herskovits, M. J., Franz Boas, The Science of Man in the Making, 283

Heston, W. E., et al., Rat Quality, 401

Heuser, G. F., Feeding Poultry, 2nd ed., 303

Heyn, A. N. J., Fiber Microscopy, 172

Hickman, C. P., Field Manual of Animal Ecology and Natural History, 380

Hight, G., Man's Unconquerable Mind, 51

HODGSON, E. S., Problems in Invertebrate Chemosensation, 331-347

Hoffmeister, D. F., and W. W. Goodpaster, Mammals of the Huachuca Mountains, Southeastern Arizona, 185

Hollaender, A. (ed.), Radiation Biology, I, Parts 1 and 2, 78

Holtum, R. E., Plant Life in Malaya, 167

Homburger, F., and W. H. Fishman (eds.), Physiopathology of Cancer, 313

Homo, Vols. 2, 3, 426

Horder, L., Fifty Years of Medicine, 56

Hoshaw, R. W., et al., Laboratory Manual for General Botany, Parts I and II, 167

Howells, W., Back of History, 324

Howes, F. N., Vegetable Tanning Materials, 397

Hsu, F. L. K. (ed.), Aspects of Culture and Personality, 203

Huelsen, W. A., Sweet Corn, 177

Huetter, T. F., and R. H. Bolt, Sonics, 305

Hughes, H. V., and J. W. Dransfield (eds.), McFadyean's Osteology and Arthrology of the Domesticated Animals, 4th ed., 407

HUMAN BIOLOGY (book reviews), 101, 202, 324, 425
 HUME, E. H., An Empire of Learning, 278-280
 Hutchinson, G. E., The Itinerant Ivory Tower, 428

Illingworth, C. F. W., Peptic Ulcer, 418
 Ingles, L. G., Mammals of California and Its Coastal Waters, 185
 Ingold, C. T., Dispersal in Fungi, 170
 Ingram, M., Introduction to the Biology of Yeasts, 416
 Invertebrate Chemoreception, Problems in, 331-347

Jacks, G. V., Soil, 63
 Jacobi, J., Psychological Reflections, 201
 Jaramillo-Arango, J., British Contribution to Medicine, 282
 Jasmin, G., and A. Robert (eds.), The Mechanism of Inflammation, 418
 Johnson, F. H., et al., Kinetic Basis of Molecular Biology, 80
 Johnson, G., Hunting with the Microscope, 56
 Jones, G. N., and G. D. Fuller, Vascular Plants of Illinois, 396
 Jones, H. S., Life on Other Worlds, 2nd ed., 390
 Jones, H. W. (ed.), et al., Blakiston's New Gould Medical Dictionary, 104
 Josiah Macy, Jr. Foundation:
 Connective Tissues, 5th conf., 408
 Cybernetics, 199
 Gestation, 1st conf., 405
 Nerve Impulse, 5th Conf., 409
 Renal Function, 5th conf., 409
 Jung, C. G., Development of Personality, 423
 —, Practice of Psychotherapy, 423
 —, Two Essays on Analytical Psychology, 200

Kaestner, A., Lehrbuch der speziellen Zoologie, I, 293
 Kallmann, F. J., Heredity in Health and Mental Disease, 393
 Kane, W. H., et al., Science in Synthesis, 49
 Karpovich, P. V., Adventures in Artificial Respiration, 313
 Katz, D., Animals and Men, 200
 Kelman, A., Bacterial Wilt Caused by *Pseudomonas solanacearum*, 397
 Kempthorne, O., et al., Statistics and Mathematics in Biology, 328
 Kent, P. W., and M. W. Whitehouse, Biochemistry of the Aminosugars, 414
 Kessler, G. M., Fruits, Vegetables, and Flowers, 177
 King, H. E., Psychomotor Aspects of Mental Disease, 420
 Kitay, J. I., and M. D. Altschule, The Pineal Gland, 192
 Kitching, J. A. (ed.), Recent Developments in Cell Physiology, 303
 Klatsky, M., and R. L. Fisher, Human Masticatory Apparatus, 325
 KLEIN, R. M., and G. K. K. LINK, The Etiology of Crown-Gall, 207-277

Knapp, F. T., Fishes Found in the Fresh Waters of Texas, 182
 Knight, R. L., Abstract Bibliography of Cotton Breeding and Genetics, 395
 Knight, R. P., and C. R. Friedman (eds.), Psychoanalytic Psychiatry and Psychology, Vol. 1, 421
 Kopsch, Fr., Lehrbuch und Atlas der Anatomie des Menschen, 19th ed., Band I, 407
 Krantz, J. C., Jr., and C. J. Carr, Pharmacologic Principles of Medical Practice, 3rd ed., 89
 Krieg, W. J. S., Functional Neuroanatomy, new 2nd ed., 72
 Krutch, J. W., The Voice of the Desert, 381
 Kris, E., Psychoanalytic Explorations in Art, 100
 Kudo, R. R., Protozoology, 4th ed., 181
 Kühn, A., Grundriss der allgemeinen Zoologie, 292
 Kuhnholz-Lordat, G., Précis de Phylogénétique, 392
 Kuhn-Schnyder, E., Geschichte der Wirbeltiere, 162
 Kurtz, E. B., Jr., Introductory Plant Physiology Laboratory Manual, 168

La Barre, W., The Human Animal, 203
 Lack, D., The Natural Regulation of Animal Numbers, 157
 Lang, K., and R. Schoen (eds.), Die Ernährung, 78
 Langdon-Davies, J., Seeds of Life, 380
 Langlois, T. H., Western End of Lake Erie and Its Ecology, 58
 Larsson, T., and T. Sjögren, Methodological, Psychiatric and Statistical Study of a Large Swedish Rural Population, 322
 Laurentian Hormone Conference:
 Recent Progress in Hormone Research, IX, 85
 Laurie, Eleanor M. O., and J. E. Hill, List of Land Mammals of New Guinea, Celebes and Adjacent Islands, 185
 Lea, D. E., Actions of Radiations on Living Cells, 2nd ed., 193
 Lee, D. H. K., Manual of Field Studies on the Heat Tolerance of Domestic Animals, 186
 Lehmann, G., Praktische Arbeitsphysiologie, 75
 Leopold, A. C., Auxins and Plant Growth, 290
 Leopold, A. S., and F. F. Darling, Wildlife in Alaska, 59
 Levitt, J., Plant Physiology, 174
 Lewis, H., and Margaret E. Lewis, The Genus Clarkia, 288
 Ley, W., Salamanders and Other Wonders, 383
 Li, C. C., Population Genetics, 391
 Lillie, R. D., Histopathologic Technic and Practical Histochemistry, 74
 Lindner, E., Zoo-Safari, 295
 LINK, G. K. K., Etiology of Crown-Gall, 207-277
 Lipovetz, F. J., Basic Physiology of Exercise, 75
 Little, E. L., Jr., Check List of Native and Naturalized Trees of U. S., 62
 Loeblich, A. R., Jr., and Helen Tappan, Studies of Arctic Foraminifera, 397
 Looper, Ph. M., La Masse Azotée de l'Organisme Humain et ses Variations Pathologiques, 90

Loewenstein, R. M. (ed.), *Drives, Affects, Behavior*, 98
 Lorand, S. (ed.), *Yearbook of Psychoanalysis*, Vol. 8, 99
 Lovorn, J. A., *Chemistry of Lipids of Biochemical Significance*, 413
 Luisada, A., *Heart*, 2nd ed., 92
 Lukens, F. D., *Medical Uses of Cortisone*, 92
 Lull, R. S., *Triassic Life of the Connecticut Valley*, 286

Macan, T. T. and E. B. Worthington, *Life in Lakes and Rivers*, 157
 MacGillivray, J. S., *Vegetable Production*, 174
 Mackie, T. J. and J. E. McCartney, *Handbook of Practical Bacteriology*, 9th ed., 416
 Magee, J. L., et al., *Basic Mechanisms in Radiobiology*, 411
 MacGinitie, H. D., *Fossil Plants of Florissant Beds, Colorado*, 389
 Mann, T., *Biochemistry of Semen*, 308
 Manske, R. H. F., and H. L. Holmes (eds.), *The Alkaloids*, IV, 85
 Marcuse, F. L. (ed.), *Areas of Psychology*, 315
 Marks, Elizabeth N., *Review of the *Aedes scutellaris* Subgroup with a Study of Variation in *Aedes pseudoscutellaris* (Theobald) (Diptera: Culicidae)*, 182
 Marshall, N. B., *Aspects of Deep Sea Biology*, 283
 Marvin, J. W., et al., *Introduction to Botany*, 167
 Maslow, A. H., *Motivation and Personality*, 425
 Mathews, F. S., *Field Book of American Wildflowers*, 290
 Maupin, B., *Les Plaquettes Sanguines de l'Homme*, 190
 May, C. M., *Plant Diseases*, 67
 McAuley, W. F., *Concept of Schizophrenia*, 197
 McCartney, E. S., *Recurrent Maladies in Scholarly Writing*, 206
 McCollum-Pratt Institute, *Symposium on Amino Acid Metabolism*, 306
 McDowell, S. B., Jr., and C. M. Bogert, *Systematic Position of Lanthanotus and the Affinities of the Anguimorphan Lizards*, 400
 McFadyean's *Osteology & Arthrology of the Domesticated Animals*, 407
 McLean, F. C., and M. R. Urist, *Bone*, 408
 McVaugh, R., et al., *Farwelliana*, 153
 Mellors, R. C. (ed.), *Analytical Cytology*, 395
 Merrill, E. D., *The Botany of Cook's Voyages*, 325
 Meredith's *Hygiene*, 5th ed., 311
 MICROBIOLOGY (book reviews), 86, 194, 310, 414
 Miehe, H. von, *Taschenbuch der Botanik*, 11th ed., 62
 Miller, G. S., Jr., and R. Kellogg, *List of North American Recent Mammals*, 295
 Miller, W. L., *Laboratory Manual for General Botany*, 168
 Millot, J., *Biologie des Races Humaines*, 204
 Milne, L. J., and Margery J. Milne, *The Mating Instinct*, 161
 Milovidov, P. F., *Physik und Chemie des Zellkernes*, Band 20, I, II, 288

Mohr, E. C. J., and F. A. Van Baren, *Tropical Soils*, 63
 Moment, G. B., and Helen V. Crouse, *Foundations of Biology*, 373
 Moody, P. A., *Introduction to Evolution*, 388
 Moore, Ruth, *Charles Darwin*, 282
 Morphology and Life Cycles of Trypanosomes, 1-28
 Moyer, J. W., *Practical Taxidermy*, 187
 Moyle, J. B., *Field Key to the Common Non-Woody Flowering Plants and Ferns of Minnesota*, 168
 Muenscher, W. C., *Weeds*, 2nd ed., 291
 Murie, O. J., *Field Guide to Animal Tracks*, 161
 Murphy, R. C., *El Guano y la Pesca de Anchoveta*, 70

National Committee on Maternal Health, *Pregnancy Wastage*, 102
 National Vitamin Foundation, *Rat Quality*, 401
 Needham, J. G., and M. J. Westfall, Jr., *Manual of the Dragonflies of North America (Anisoptera)*, 293
 Needham, J., *Science and Civilisation in China*, I, 278
 Neider, C. (ed.), *Fabulous Insects*, 58
 Neilands, J. B., et al., *Outlines of Enzyme Chemistry*, 305
 Netter, F. H., *Ciba Collection of Medical Illustrations*, I, *Nervous System*, 407; II, *Reproductive System*, 407
 Neumann, E., *Origins and History of Consciousness*, 319
 Neurath, H., and K. Bailey (eds.), *The Proteins*, II, Part A, 83
 Newell, N. D., et al., *Permian Reef Complex of the Guadalupe Mountains Region, Texas, and New Mexico*, 388
 New York Acad. Med., *Medicine and Science*, 87
 New York Acad. Sci.
 Basic Odor Research Correlation, 78
 Branched Molecules, 414
 Growth of Protozoa, 406
 Ionizing Radiation and the Cell, 304
 Paul Ehrlich Centennial, 415
 Speciation and Variation in Asexual Fungi, 287
 Status of Multiple Sclerosis, 196
 Nilsson, H., *Synthetische Artbildung*, I, II, 384
 NOBLE, E. R., *The Morphology and Life Cycles of Trypanosomes*, 1-28
 Noble, G. K., *The Biology of the Amphibia*, 383
 Nonidez, J. F., and W. F. Windle, *Textbook of Histology*, 2nd ed., 73
 Nurnberger, J. L., and S. R. Korey, *Pituitary Chromophobe Adenomas*, 419

Oginsky, Evelyn L., and W. W. Umbreit, *Introduction to Bacterial Physiology*, 86
 Okada, Y., *Fishes of Japan*, 400
 O'Kane, W. C., *The Cabin*, 382
 Oldroyd, H., *The Horse-Flies (Diptera: Tabanidae) of the Ethiopian Region*, II, 294
 Oparin, A. I., *Origin of Life*, 2nd ed., 284
 Osborn, F., *The Limits of the Earth*, 202

Osvald, H., and E. Åberg, Proceedings of the Seventh International Botanical Congress, 170

Overholts, L. O., The Polyporaceae of the U. S., Alaska, and Canada, 171

Pâdoa, E., *Biologia Generale*, 52

PARASITOLOGY (book reviews), 416

Parker, Frances L., Distribution of the Foraminifera in the Northeastern Gulf of Mexico, 179

PARKER, G. H., Background Adaptations, 105-115

Pearce, S. C., Field Experimentation with Fruit Trees and Other Perennial Plants, 64

Peele, T. L., Neuroanatomical Basis for Clinical Neurology, 298

Peters, W. H., and R. H. Grummer, Livestock Productions, 2nd ed., 187

Peterson, R. T., et al., Field Guide to Birds of Britain and Europe, 69

Pettersson, H., Westward Ho with the Albatross, 57

Pettibone, Marian H., Marine Polychaete Worms from Point Barrow, Alaska

Pfeiffer, J., The Human Brain, 317

Pharmacology, Comparative, of the Suprarenal Medulla, 116-137

Physiology and Histology of the Contact Chemo-receptors of the Blowfly, 348-371

Physiology and Phylogeny in the Water Molds—A Reevaluation, 138-149

Pickworth, F. A., New Outlook on Mental Diseases

Pinkerton, R. E., Nature Roundup, 381

Pitt, W. J., and J. A. Goldberg, Psychology, 315

PLANT MORPHOLOGY (book reviews), 172

PLANT PHYSIOLOGY (book reviews), 63, 172, 396

Plattner, H. C., Le Métabolisme du Potassium et ses Perturbations, 300

Podolsky, E. (ed.), Encyclopedia of Aberrations, 95

Poe, B., The Cage Bird Handbook, 186

Polson, C. J., et al., The Disposal of the Dead, 102

Porter, Muriel Noé, Tlatilco and the Pre-Classic Cultures of the New World, 426

Poumeau-Delille, G., Techniques Biologiques en Endocrinologie Expérimentale chez le Rat, 77

Prescott, G. W., How to Know the Fresh-Water Algae, 289

Problems in Invertebrate Chemoreception, 331-347

Proceedings:

- Anthropologica*, Tome I, 425
- Seventh International Botanical Congress, Stockholm, 170
- Soc. for Study of Fertility, Liverpool Conference, V, 101

PSYCHOLOGY AND ANIMAL BEHAVIOR (book reviews), 198, 313, 423

Radley, J. A., Starch and Its Derivatives, 3rd ed., Vol. 2, 85

Rand, A. L., and E. R. Blake, Birds the World Over, 160

Rasquin, Priscilla and Libby Rosenbloom, Endocrine Imbalance and Tissue Hyperplasia in Teleosts Maintained in Darkness, 192

Raven, C. P., An Outline of Developmental Physiology, 189

Reed, C. A., and J. Davidson, The Improved Nut Trees of North America and How to Grow Them, 177

Rensch, B., Psychische Komponenten der Sinnesorgane, 201

Research Council of Israel, Desert Research, 383

Ribbands, C. R., Behaviour and Social Life of Honeybees, 313

Rindge, F. H., Revision of the Genus *Tornos* Morrison (Lepidoptera, Geometridae), 68

Rinker, G. C., Comparative Myology of the Mammalian Genera *Sigmodon*, *Oryzomys*, *Neotoma*, and *Peromyscus* (Cricetinae), 61

Robertson, P., Manual for Historical Geology, 285

Robertson, R. B., Of Whales and Men, 97

Roche, J. P., and Mary A. Roche, Photographing Your Flowers, 329

Roedel, P. M., Common Ocean Fishes of the California Coast, 185

Rosendahl, C. O., Trees and Shrubs of the Upper Midwest, 396

Ross, E. S., Insects Close Up, 398

Rothman, S., Physiology and Biochemistry of the Skin, 408

Rutgers University, Protein Metabolism Bureau of Biological Res., Some Conjugated Proteins, 84

Sartre, J. P., Existential Psychoanalysis, 99

Sarton, G., Galen of Pergamon, 154

Schaeffer, J. P. (ed.), Morris' Human Anatomy, 11th ed., 71

Schaltenbrand, G., Die Nervenkrankheiten, 94

Schanck, R. L., The Permanent Revolution in Science, 49

Schidler, F., Atlas of Anatomy for Artists, 329

Science in Progress, 8th Ser., 429

Schifferes, J. J., Healthier Living, 312

Schorger, A. W., The Passenger Pigeon, 160

Schrödinger, E., Nature and the Greeks, 47

Schulz, Peggie, *Amaryllis*—and How to Grow Them, 66

Schwartz, J., L'Exploration Fonctionnelle de la Cortico-Surrénale par les Stéroïdes, 77

Schwing, Gertrud, A Way to the Soul of the Mentally Ill, 422

Science News 33, 330

Scofield, W. L., California Fishing Ports, 70

Scott, P., and J. Fisher, A Thousand Geese, 179

Sebrell, W. H., Jr., and R. S. Harris (eds.), The Vitamins, I, 83; II, 410; III, 410

Selye, H., and A. Horava, Third Annual Report on Stress, 192

Shapiro, H. L., Race Mixture, 427

Shaw, J. H. (ed.), Fluoridation as a Public Health Measure, 312

Shedlovsky, T. (ed.), *Electrochemistry in Biology and Medicine*, 412

Shepherd, R. E., *History of the Rose*, 66

Simpson, G. G., *The Major Features of Evolution*, 386

Singh, B., *Immature Stages of Indian Lepidoptera*, 399

Skaife, S. H., *African Insect Life*, 181

Skinner, B. F., *Science and Human Behavior*, 316

Small, J., *Modern Aspects of pH*, 194

Smith, F. G., and H. Chapin, *The Sun, the Sea, and Tomorrow*, 384

Smith, G., *Introduction to Industrial Mycology*, 4th ed., 175

Smith, H. W., *From Fish to Philosophers*, 51

Smith, K. M., and R. Markham, *Mumps, Measles and Mosaics*, 310

Smithcors, J. F., *Laboratory Manual for Histology*, 408

Smout, A. H., *Lower Tertiary Foraminifera of the Qatar Peninsula*, 163

Smout, C. F. V., and F. Jacoby, *Gynaecological and Obstetrical Anatomy and Functional Histology* 3rd ed., 72

Snodgrass, R. E., *Insect Metamorphosis*, 406

Soc. for Experimental Biology, VII, *Evolution*, 387

—, *Active Transport and Secretion*, 304

Soc. for Gen. Microbiology, *Autotrophic Micro-Organisms*, 87

Soc. for Study of Development and Growth, *Biological Specificity and Growth*, 404

Soula, L.-C., *Précis de Physiologie*, 2nd ed., 300

Soc. for Study of Fertility, *Liverpool Conference*, V, 101

Specificity and Behavior in Symbioses, 29-46

Speck, G. E. (ed.), *Concise Science Encyclopedia*, 328

Spencer, R. F. (ed.), *Method and Perspective in Anthropology*, 203

Spencer, S. M., *Wonders of Modern Medicine*, 311

Springall, H. D., *Structural Chemistry of Proteins*, 307

Stanbury, J. B., et al., *Endemic Goiter*, 91

Stauffer, A., (ed.), *Introductory Biology*, 2nd ed., 152

Stebbins, R. C., *Amphibians and Reptiles of Western North America*, 180

Steffek, E. F., *Wild Flowers and How to Grow Them*, 62

Stehli, F. G., *Lower Leonardian Brachiopoda of the Sierra Diablo*, 389

Stephen, W. P., *Revision of the Bee Genus Colletes in America North of Mexico*, 398

Strughold, H., *The Green and Red Planet*, 192

Stuart, F. A., *Seal's World*, 58

Sturkie, P. D., *Avian Physiology*, 300

Sullivan, H. S., *The Interpersonal Theory of Psychiatry*, 96

Suprarenal Medulla, *Comparative Pharmacology of the*, 116-137

Swinton, W. E., *Fossil Amphibians and Reptiles*, 389

Symbioses, Specificity and Behavior in, 29-46

Symposia:

- Active Transport and Secretion, 304
- Amino Acid Metabolism, 306

Aspects of Culture and Personality, 203

Autotrophic Micro-Organisms, 87

Basic Mechanisms in Radiobiology, 411

Biological Specificity and Growth, 404

Biologie und Wirkung der Fermente, 412

Branched Molecules, 414

Chemical Structure of Proteins, 84

Connective Tissues, 5th conf., 408

Cybernetics, 199

Desert Research, 383

Dynamics of Virus and Rickettsial Infections, 88

Evolution, 387

Gestation, 1st conf., 405

Glutathione, 307

Growth of Protozoa, 406

Hypertension, 196

Ionizing Radiation and the Cell, 304

Light Microscopy, 206

Mécanisme Physiologique de la Sécrétion Lactée, 76

Mechanism of Inflammation, 418

Mikroskopische und chemische Organisation der Zelle, 165

Nerve Impulse, 5th Conf., 409

Paul Ehrlich Centennial, 415

Perspectives and Horizons in Microbiology, 415

Perspectives in Physiology, 299

Pregnancy Wastage, 102

Psychological Variables in Human Cancer, 419

Rat Quality, 401

Recent Developments in Cell Physiology, 303

Recent Progress in Hormone Research, IX, 85

Renal Function, 5th conf., 409

Sex in Microorganisms, 195

Synthesis and Metabolism of Adrenocortical Steroids, VII, 77

Some Conjugated Proteins, 84

Speciation and Variation in Asexual Fungi, 287

Status of Multiple Sclerosis, 196

Yaws Control, 417

Taillez, P., *To Hidden Depths*, 57

Teale, E. W. (ed.), *The Wilderness World of John Muir*, 157

Thoma, K. H., *Oral Pathology*, 313

Thomas, M. J., *Public Education and a Productive Society*, 373

Tinbergen, N., *The Herring Gull's World*, 198

Todd, Ruthven, *The Tropical Fish Book*, 2nd ed., 186

Tokioka, T., *Ascidians of Sagami Bay*, 294

Tredgold, A. F., and R. F. Tredgold, *Manual of Psychological Medicine*, 3rd ed., 420

Tryon, R. M., Jr., et al., *The Ferns and Fern Allies of Minnesota*, 171

Tukey, H. B. (ed.), *Plant Regulators in Agriculture*, 178

Tullis, J. L. (ed.), *Blood Cells and Plasma Proteins*, 190

Turba, F., Chromatographische Methoden in der Protein-Chemie, 84

Turrill, W. B., Pioneer Plant Geography, 60

Trypanosomes, The Morphology and Life Cycles of, 1-28

Uebisch, L. von, Entwicklungsprobleme, 403

Underwood, B. J., et al., Elementary Statistics, 103

United Nations Demographic Yearbook 1952, 4th issue, 202

UNESCO, Desert Research, 383

Upjohn Company, Vitamin Manual, 303

Vannotti, A., Porphyrins, 189

Veith, I. (ed.), Perspectives in Physiology, 298

Villee, C. A., Biology, 2nd ed., 150

Viteles, M. S., Motivation and Morale in Industry, 319

Waerden, B. L. van der, Science Awakening, 429

Wagner, Florence S., Contributions to the Morphology of the Delesseriaceae, 172

Waksman, S. A., My Life with the Microbes, 153

— (ed.), Perspectives and Horizons in Microbiology, 415

Walker, Marian C., Dahlias for Every Garden, 66

Wallace, G. J., Introduction to Ornithology, 294

Wallace, T., and R. W. Marsh (eds.), Science and Fruit, 64

Walter, W. G., and R. H. McBee, General Microbiology, 414

Walton, J., Introduction to the Study of Fossil Plants, 2nd ed., 285

Water Molds, Physiology and Phylogeny in the—A Reevaluation, 138-149

Watkins, F., Rousseau, 48

Watkins, H., Time Counts, 104

Watson, D. M. S., Paleontology and Modern Biology, 162

Weatherwax, P., Indian Corn in Old America, 65

Weaver, J. E., North American Prairie, 156

Wedberg, S. E., Microbes and You, 194

Weichert, C. K., Representative Chordates, 189

Weisz, P. B., Biology, 151

Werner, Jane, et al., Walt Disney's Vanishing Prairie, 382

Wert, J., et al., Statistical Methods, in Educational and Psychological Research, 103

West, E. S., and W. R. Todd, Textbook of Biochemistry, 81

WEST, G. B., Comparative Pharmacology of the Suprarenal Medulla, 116-137

Westenhöfer, M., Le Problème de la Genèse de l'Homme, 165

Whelpton, P. K., Cohort Fertility, 326

White, J., Yeast Technology, 175

WHO, Yaws Control, 417

Wiehle, H., Ausdem Spinnenleben wärmerer Länder, 398

Wiener, P. P. (ed.), Readings in Philosophy of Science, 50

Wiley, F. A. (ed.), Ernest Thompson Seton's America, 60

Wilkins, G. L., Catalogue and Historical Account of Sloan Shell Collection, I, No. 1, 68

Willier, B. H., (ed.), et al., Analysis of Development, 401

Wilson, E. O., Monographic Revision of the Ant Genus Lasius, 399

Windle, E., and J. W. Marsh, Man and His Motives, 425

Winters, L. M., Animal Breeding, 5th ed., 187

Wolfenden, H. H., Population Statistics and Their Compilation, rev. ed., 326

Woodbury, A. M., Principles of General Ecology, 57

Woker, Gertrud, Die Chemie der natürlichen Alkaloide, 85

Wood, A., Thomas Young, Natural Philosopher, 54

Wright, A. H., Pre-Cornell and Early Cornell I, II, 377

Wright, B. S., High Tide and an East Wind, 160

Wright, G. P., Introduction to Pathology, 2nd ed., 197

Wyler, Rose and G. Ames, Life on the Earth, 56

Youmans, W. B., Human Physiology, 74

YOUNG NATURALIST (book reviews), 56, 155, 380

Zahl, P. A., Coro-Coro, 59

Zangerl, R., The Vertebrate Fauna of the Selma Formation of Alabama, Parts III and IV, 61

Zechmeister, L. (ed.), Fortschritte der Chemie organischer Naturstoffe, X, 306; XI, 81

Zilboorg, G., Psychology of the Criminal Act and Punishment, 323

Zim, H. S., and D. F. Hoffmeister, Mammals, 295

—, and L. Ingle, Seashores, 380

Zirkle, R. E. (ed.), Biological Effects of External X and Gamma Radiation, Part I, 192

Zoethout, W. D., Laboratory Experiments in Physiology, 5th ed., 299

Zubek, J. P., and P. A. Solbert, Human Development, 406

Zundel, G. L., The Ustilaginales of the World, 170





